For research only

motorTree report

version 1.0 release 20-Sep-2024

Subject: job1938128

Sex: Male

Age: 47.0

Report date: 14-Jan-2026

Quality control: C

Differential diagnosis result

| Condition	Probability (in %)
Parkinson's Disease (PD)	17.03
Dementia with Lewy Bodies (DLB)	41.78
Multiple System Atrophy (MSA)	14.62
Progressive Supranuclear Palsy (PSP)	26.57

Cognitive tree
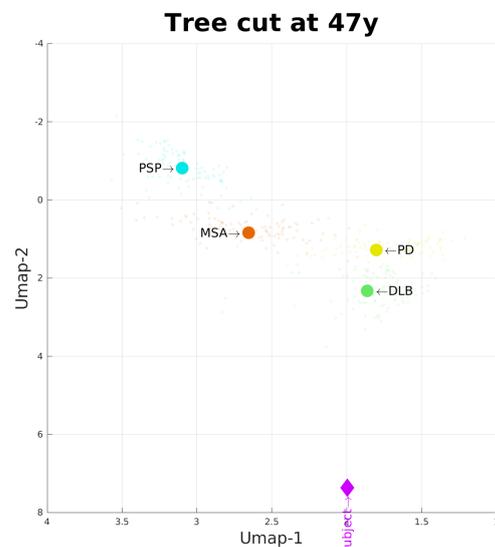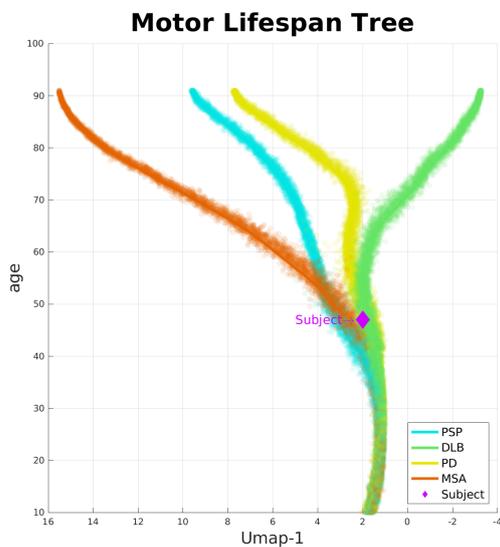
[1] P. Coupé, B. Mansencal, J. V. Manjon, P. Péran, W. G. Meissner, T. Tourdias, V. Planche, *Lifespan tree of brain anatomy: diagnostic values for motor and cognitive neurodegenerative diseases*, Human Brain Mapping 46, no. 13: e70336. PDF

[2] P. Coupé, B. Mansencal, M. Clément, R. Giraud, B. Denis de Senneville, V.-T. Ta, V. Lepetit, J. V. Manjon, *AssemblyNet: A large ensemble of CNNs for 3D whole brain MRI segmentation*, NeuroImage, volume 219, 2020. PDF

Abnormality map
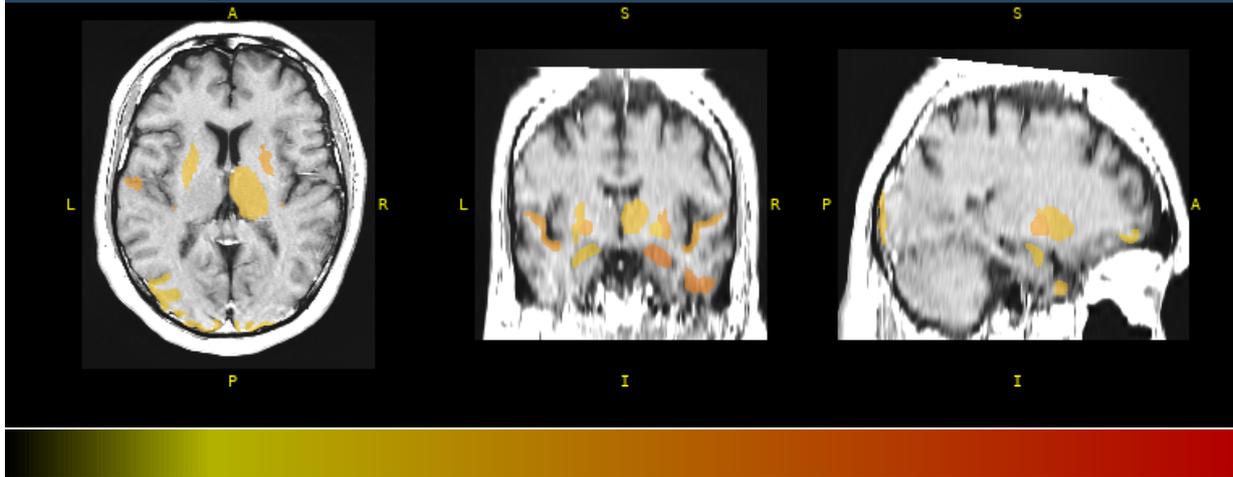
Normal

Abnormal

Abnormality result

Structure	Distance
Right amygdala	3.75
Right inf. temporal gyrus	3.55
Left planum polare	3.09
Right putamen	3.02
Left pallidum	3.00
Right planum polare	2.88
Right hippocampus	2.68
Left middle occipital gyrus	2.44
Right accumbens	2.37
Left temporal pole	2.34
Right thalamus	2.27
Left occipital pole	2.26
Left putamen	2.24
Left amygdala	2.04
Left inf. occipital gyrus	2.04
Right occipital pole	2.01
Right pallidum	2.00
Left anterior orbital gyrus	1.87
Right temporal pole	1.86